

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference AVMX008/01W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/ 05524	International filing date (day/month/year) 01/03/2000	(Earliest) Priority Date (day/month/year) 05/03/1999
Applicant AVMAX, INC. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IS 00/05524

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K47/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 96 01128 A (SCHERING AG ;BACKENSFELD THOMAS (DE); LIPP RALPH (DE); KEITEL SUSAN) 18 January 1996 (1996-01-18)</p> <p>page 1, paragraph 1 page 3, paragraph 3 page 3, last paragraph; claims; example 3 --- -/--</p>	<p>23-28, 32-37, 40-48, 50, 52-55, 57</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

30 June 2000

Date of mailing of the international search report

12/07/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Marttin, E

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/05524

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 716 173 A (SALATINJANTS AIDA) 29 December 1987 (1987-12-29) column 1, line 53 - line 64 column 2, line 39 - line 46 column 3, line 59 - column 4, line 24; claims ---	1, 2, 9, 14-20, 23, 24, 31, 34-36, 40-44, 51, 54, 55, 57
X	US 3 282 789 A (NEISLER LABORATORIES INC.; MARTY BERNARD; LATHROP LYLE) 1 November 1966 (1966-11-01) column 1, line 10 - line 18; claims 1, 6, 10, 12-18; examples ---	23, 24, 31, 34, 35, 39-44, 51, 54, 55, 57
X	GB 997 914 A (NEISLER LABORATORIES INC.) 14 July 1965 (1965-07-14) page 1, column 1, line 13 - line 22; claims 1, 2 page 1, column 2, line 73 - line 79 page 2, line 28 - line 36 ---	23, 24, 31, 34, 35, 40, 41, 43, 44, 51, 54, 55, 57
Y	WO 96 40192 A (AVMAX INC ; BENET LESLIE Z (US); BENET REED M (US); WACHER VINCENT) 19 December 1996 (1996-12-19) cited in the application page 2, line 29 - page 3, line 4 page 4, line 25 - last line page 5, line 30 - page 6, line 12 page 17, line 1 - line 23 page 19, line 1 - line 12; claims; examples page 3, line 14 - line 17 --- -/--	1-6, 8, 9, 14, 16, 20-25, 27, 28, 30, 31, 35, 38-41, 43-48, 50, 51, 57

INTERNATIONAL SEARCH REPORT

International Application No

P US 00/05524

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>BAER-DUBOWSKA W ET AL: "Inhibition of murine hepatic cytochrome P450 activities by natural and synthetic phenolic compounds." XENOBIOTICA, vol. 28, no. 8, August 1998 (1998-08), pages 735-743, XP000914889 ISSN: 0049-8254</p> <p>page 735, last line -page 737, line 6; figure 1 page 738, line 1 - line 3 page 738, line 20 - line 31 page 740, line 8 -page 741, line 3 ---</p>	<p>1-6,8,9, 14,16, 20-25, 27,28, 30,31, 35, 38-41, 43-48, 50,51,57</p>
Y	<p>OBERMEIER M T ET AL: "Effects of bioflavonoids on hepatic P450 activities." XENOBIOTICA, vol. 25, no. 6, 1995, pages 575-584, XP000914887 ISSN: 0049-8254</p> <p>page 575, paragraph 1 -page 576, paragraph 1; figures 1-3 page 578, paragraph 1 -page 579, last paragraph page 582, paragraph 6 ---</p>	<p>1,2,9, 14,16, 20-24, 31,35, 38-41, 43,44, 51,57</p>
T	<p>WO 99 11290 A (AVMAX INC) 11 March 1999 (1999-03-11) cited in the application page 2, line 28 - line 12 page 3, line 20 - line 22 page 4, line 14 - line 28; claims; example 1; table 1 ---</p>	<p>1-57</p>
A	<p>WACHER VINCENT J ET AL: "Role of P-glycoprotein and cytochrome P450 3A in limiting oral absorption of peptides and peptidomimetics." JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 87, no. 11, November 1998 (1998-11), pages 1322-1330, XP002141550 ISSN: 0022-3549 page 1322, column 1, line 35 -column 2, line 4 page 1326, column 1, paragraph 4 page 1327, column 1, line 22 - line 24 page 1327, column 2, line 23 - line 30 -----</p>	<p>1-57</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/US 00/05524

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9601128	A	18-01-1996	EP	0768896 A	23-04-1997
			JP	10502362 T	03-03-1998
US 4716173	A	29-12-1987	US	4708952 A	24-11-1987
US 3282789	A	01-11-1966	NONE		
GB 997914	A		NONE		
WO 9640192	A	19-12-1996	US	5716928 A	10-02-1998
			US	5665386 A	09-09-1997
			CA	2224227 A	19-12-1996
			EP	0831870 A	01-04-1998
			JP	11507356 T	29-06-1999
			US	5916566 A	29-06-1999
WO 9911290	A	11-03-1999	US	5962522 A	05-10-1999
			EP	1009437 A	21-06-2000

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year)

25 October 2000 (25.10.00)

International application No.

PCT/US00/05524

Applicant's or agent's file reference

AVMX008/01WO

International filing date (day/month/year)

01 March 2000 (01.03.00)

Priority date (day/month/year)

05 March 1999 (05.03.99)

Applicant

WACHER, Vincent, J. et al

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

02 October 2000 (02.10.00)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

R. E. Stoffel

Telephone No.: (41-22) 338.83.38

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